

FILE 'JPOABS' ENTERED AT 10:43:57 ON 13 AUG 96

L1 18724 S G03G 15\*08/IPC OR G03G 15\*09/IPC OR C09D 11\*00/IPC  
L2 16180 S CONDUCT? (2W) LAYER  
L3 1501 S CONDUCT? (2W) PARTICLE#  
L4 272 S L1 AND L2  
→L5 11 S L3 AND L4  
L6 210 S TRUE DENSITY  
→L7 3 S L1 AND L6  
L8 20 S L3 (5A) AVERAGE PARTICLE (W) (SIZE OR DIAMETER OR RADIUS)  
→L9 20 S L8 NOT (L5 OR L7)

~ FILE 'JAPIO' ENTERED AT 12:59:54 ON 13 AUG 96

L1 17251 S G03G015-08/ICM OR G03G015-09/ICM OR C09D011-00/ICM

L2 619300 S ED>DEC 94

L3 2307 S L1 AND L2

L4 18665 S CONDUCT?(2W)LAYER

L5 43 S L3 AND L4

L6 1846 S CONDUCT?(2W) PARTICLE#

→L7 1 S L5 AND L6

L8 239 S TRUE DENSITY

L9 0 S L8 AND L3

=> d 17 all

L7 ANSWER 1 OF 1 JAPIO COPYRIGHT 1996 JPO and Japio

AN 95-230214 JAPIO

TI DEVELOPING DEVICE

IN MIYAMOTO TOSHIO; NISHIMURA KATSUHIKO

PA CANON INC, JP (CO 000100)

PI JP 07230214 A 19950829 Heisei

AI JP 94-43075 (JP06043075 Heisei) 19940217

SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 95, No. 8

IC ICM (6) G03G015-08

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CC 29.4 PRECISION INSTRUMENTS - Business machine

AB PURPOSE: To obtain a satisfactory image free of sleeve ghost by forming an elastic developer-regulating member out of an elastic body containing potassium titanate whiskers, thereby preventing wearing and damaging of a conductive resin film layer due to the elastic regulating member.

CONSTITUTION: A developing device 10 is equipped with a developing container 12 storing magnetic toner 11. A developing sleeve 4 is disposed in the opening of the developing container 12 facing a photoreceptor drum 1, and a developing blade 6 is set on the developing sleeve 4. The developing sleeve 4 is provided with the conductive resin film containing conductive fine particles on its surface. The developing blade 6 as the developer-regulating member is composed of a blade main body made of urethane rubber containing potassium titanate whiskers, and a holder made of a steel plate, to which the blade main body is stuck. The potassium titanate whiskers have an average fiber diameter of 0.3-0.7.mu.m and an average fiber length of 10-20.mu.m.